20001124.ba v03_n043.bam.20001124

>From ???@??? Fri Nov 24 07:27:32 2000 -0600
Date: Fri, 24 Nov 2000 07:25:05 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3043
Message-Id: <20001124142839.B6DD148C0@devel43.theporch.com>

BOATANCHORS Digest 3043

Topics covered in this issue include:

1) Hank Van Cleef
by jan@skirrow.org
2) Re: Hank Van Cleef
by Hank van Cleef <vancleef@adic.com>
3) Re: The Globe vs GFI's
by "Arthur I. Larky" <ail0@lehigh.edu>
4) Re: TV-7 parts needed
by Paul Nelson <drhydro@uswest.net>
5) RE: The Globe vs GFI's
by "Bill Hawkins" <bill@iaxs.net>
6) RE: TV-7 parts needed
by "Ed Sieb" <sieb@sympatico.ca>
7) Re: The Globe vs GFI's
by "Richard Brunner" <rbrunner@gis.net>
8) checking SS 866's
by Ronnie Hull <w5sum@glowbugs.com>
9) Re: The Globe vs GFI's
by Bob Roehrig <broehrig@admin.aurora.edu>
10) Re: The Globe vs GFI's
by jackiv@juno.com
11) RE: S.G. Roscoe's Manuscript, index
by "Bill Hawkins" <bill@iaxs.net>
12) Re: sensitivity of BC-312, RME-69, etc
by James Hanlon <knjhanlon@uswest.net>
13) Military Pictures and Links
by "Bill Marx" <bmarx@bellsouth.net>
14) Re: TV-7 parts needed
by Dan <hankarn@pacbell.net>
15) Re: checking SS 866's
by Edward J Knobloch <k4pf@juno.com>
16) Info for Drake accessory needed
by JONWEINER@aol.com
17) Tek 535 (5 Mhz) scope w/ calib/dual trace plugins FREE, PICKUP ONLY N.E. Mass
by Andy Wallace <wallace@WORLD.STD.COM>
18) FS: Amp Parts

by StanandlisaM@cs.com
19) FS: ~80 2E26 Tubes
by John Poulton <jp@cs.unc.edu>
20) Johnson Variable specs
by Ronnie Hull <w5sum@glowbugs.com>
21) Re: [BoatAnchors] QCWA needs your help!
by "Sandy Blaize" <ebjr@i-55.com>
22) Re: Fw: S.G. Roscoe's Manuscript, index
by Jerry Proc <jproc@idirect.com>
23) Re: The Globe vs GFI's
by Arden Allen <gumbear@pacbell.net>
24) Re: Johnson Variable specs
by "Dan Martin" <dmartin@visuallink.com>

Message-Id: <4.3.2.7.2.20001122123203.00c50dc0@mail.islandnet.com>
Date: Wed, 22 Nov 2000 12:34:01 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: jan@skirrow.org
Subject: Hank Van Cleef
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I've been trying to reply to a message Hank sent me and the list, but his mail is bouncing as "The recipient name is not recognized".

Hank - if you're out there, what's happening?

Jan Skirrow, VE7DJX

... in beautiful British Columbia, Canada

*** http://skirrow.org/Boatanchors ***

From: Hank van Cleef <vancleef@adic.com>
Message-Id: <200011222059.NAA07302@catalina.emass.com>
Subject: Re: Hank Van Cleef
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 22 Nov 2000 13:59:22 -0700 (MST)
Cc: boatanchors@theporch.com (Old Tube Radios)
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As jan@skirrow.org discourses

>
> I've been trying to reply to a message Hank sent me and the list, but his
> mail is bouncing as "The recipient name is not recognized".
>
> Hank - if you're out there, what's happening?
>
> Jan Skirrow, VE7DJX
>
>
>

I'm right here, Jan. For some reason, the mail system here sends me
as "vancleef@adic.com" but receives me only as "vancleef@emass.com".
Local IT dept. is something of a shambles, and hopefully one day
they'll get me in under the right name. FWIW, Emass systems was sold
to ADIC 2-1/2 years ago, so IT is none to hasty at things.

Hank

Message-ID: <3A1C4FA9.E4186B36@lehigh.edu>
Date: Wed, 22 Nov 2000 17:58:50 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Globe vs GFI's
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think that the trip point is a lot less than 5ma. More like microamperes.
Am I right?
Art

jackiv@juno.com wrote:

> I think that if you look at specs for the usual GFIs that they trigger on
> an unbalanced 5 ma level from neutral to ground. that is the lowest
> current that the body can tolerate without causing ventricular
> fibrillation.. (re Dalziel, calif. maven)
>   did i say this right hank?
> Some of the line to ground caps in some radios will cause more than 5 ma
> to flow. use a ground isolating plug..
> I use a LARGE isolation transformer on my bench/s each tx is either 500
> or 750 va rating. There is no path to the GFI on the normal outlet
> strip.

Yes, Indeed!

```
jackiv@juno.com wrote:

> I think that if you look at specs for the usual GFIs that they trigger on
> an unbalanced 5 ma level from neutral to ground. that is the lowest
> current that the body can tolerate without  causing ventricular
> fibrillation.. ( re Dalziel, calif. maven)
>   did i say this right hank?
>  Some of the line to ground caps in some radios will cause more than 5 ma
> to flow.  use a ground isolating plug..
> I use a LARGE isolation transformer on my bench/s  each tx is either 500
> or 750 va rating.  There is no path to the GFI  on the normal outlet
> strip.
>
> JACK IVERSON   ARRL   OOTC   RCA   IEEELM
>                              TCA    QCWA    AMI   CCA
> 1110 N OLD MILL RD
> PALATINE IL  60067
> jackiv@juno.com

>
>
> JACK IVERSON   ARRL   OOTC   RCA   IEEELM
>                              TCA    QCWA    AMI   CCA
> 1110 N OLD MILL RD
> PALATINE IL  60067
> jackiv@juno.com

------------------------------
Mime-Version: 1.0
Message-Id: <v04210101b642023b4cb0@[10.0.0.2]>
Date: Wed, 22 Nov 2000 18:13:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Nelson <drhydro@uswest.net>
Subject: Re: TV-7 parts needed
Cc: boatanchors@theporch.com
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Paul & Arden:

There are lotsa epoxys out there. I've had good luck in this kind of
repair with J-B Weld... J-B Weld Co., PO Box 483, Sulphur Springs, TX
75483- think most of the discount stores carry the stuff. Cures
slowly. Seems to have a better than average tensile strength and
adherence.
>Hi Paul;
>
> > there any decent glue that will glue the ceramic?
>
```

>Yup. Clear, slow curing epoxy. Don't use the five minute stuff. Clean
>switch thoroughly with clean acetone to get rid of oil, flux, wax, etc.
>before gluing. Relube contacts after repair is completed.
>
>Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

```
Paul Nelson W5GNF               "When I go, I want to go quietly, in my
Ames, Iowa                       sleep, like my grandfather- not
                                  screaming, like his passengers."
(DrHydro@uswest.net)
                                  "More hay, Trigger?"
  Cessna 140 N77149               "No thanks, Roy, I'm stuffed."
```

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: The Globe vs GFI's
Date: Wed, 22 Nov 2000 17:34:16 -0600
Message-ID: <003001c054dc$baa83ce0$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I think that the trip point is a lot less than 5ma. More like
microamperes.

Depends on the grade of GFI. The under $20 Home Despot ones
don't have much of an amplifier to trip the breaker. 5 mA
sounds right for them. Fits with what I've heard trips 'em
for bypass caps - 0.1 mfd.

Now, in a hospital ...

Regards, and Happy Turkey Day
Bill Hawkins

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: TV-7 parts needed
Date: Wed, 22 Nov 2000 18:45:42 -0500
Message-ID: <LOBBJHOLOOHLIPLONIAFMEJHDGAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, indeed! JB Weld is superb, and "welds" forever!
It's probably the best epoxy type cement I've ever used.
http://www.j-bweldco.com/

However, I'd also try gluing the wafers back together
with a high quality ACC or alfa-cyanoacrylate (Super-Glue)
type first. This is to glue the wafer back together in it's
original shape. Then I'd use the JB Weld on the outside,
or surface of the wafers to provide the final, or tensile strength
to the ceramic piece.

Ed
VA3ES

> -----Original Message-----
> From:Paul Nelson
> Sent: Wednesday, November 22, 2000 6:13 PM
> Paul & Arden:
>
> There are lotsa epoxys out there. I've had good luck in this kind of
> repair with J-B Weld... J-B Weld Co., PO Box 483, Sulphur Springs, TX
> 75483-
>

Message-ID: <00f301c054f2$020b7ce0$604829d8@tneltcds>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: The Globe vs GFI's
Date: Wed, 22 Nov 2000 20:37:47 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

" I think that the trip point is a lot less than 5ma. More like
microamperes.
Am I right?"

Not likely. GFCI's are a consumer product, and probably not all are tested,
merely enough to say statistically that they probably all work. The trip
point is probably a bit lower than 5 Ma to be on the same side, but if the
trip point were microamperes, there would be too many nuisance trips.

As an aside, electric fence chargers are also current-limited to 5 Ma for
the same reason: 5 Ma will not kill a healthy adult. They are also sealed,

so you cannot "improve" the circuit.

Richard Brunner, AA1P, rbrunner@gis.net

Message-Id: <4.3.2.7.0.20001122204458.00aa9370@mail.glowbugs.com>
Date: Wed, 22 Nov 2000 20:47:40 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Ronnie Hull <w5sum@glowbugs.com>
Subject: checking SS 866's
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

howdy men
I have a pair of SS replacements for 866's here and Ive been trying to check them before I shove them in a socket and put the fire to them.

I tried checking it with my HP VTVM on HIGH megohms and only get just a little bit of deflection. On my Fluke 87 I get no indication at all in either the ohms or the diode check position.   I have a pair of EDI KVP-35 Diodes that check exactly the same way but I KNOW the EDI's are working...

I'm considering using the SS replacements in a power supply for a set of 811's that I'm working on but Im hesitant to put HV to them without knowing for sure if they work

any suggestions y'all?

thanks

Ronnie

Date: Wed, 22 Nov 2000 20:58:02 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Globe vs GFI's
Message-ID: <Pine.OSF.3.96.1001122205417.1651A-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I missed some of the earlier discussion on this thread, but using large caps for RF bypassing is unnecessary. One of the more popular signal generators used several .25uf caps from each side of the line to chassis with inductors between them. This was a dangerous situation.
Whenever I see large caps from line to ground, I replace them with smaller

units. Even a .01 is less than 10 ohms at 2 MHz.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net   73 de Bob, K9EUI
CIS: Data / Telecom   Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Wed, 22 Nov 2000 21:06:00 -0600
Subject: Re: The Globe vs GFI's
Message-ID: <20001122.211054.-535937.9.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

Pardon, but the level MAY be set by standards from the Underwriters Lab
here in Illinois. I will check to see what it is in the latest
publication and will post to group. If I can find it in the National
Electric Code. Not likely.   This will need more study.
jack=========

On Wed, 22 Nov 2000 17:34:16 -0600 "Bill Hawkins" <bill@iaxs.net> writes:
> >I think that the trip point is a lot less than 5ma. More like
> microamperes.
>
> Depends on the grade of GFI. The under $20 Home Despot ones
> don't have much of an amplifier to trip the breaker. 5 mA
> sounds right for them. Fits with what I've heard trips 'em
> for bypass caps - 0.1 mfd.
>
> Now, in a hospital ...
>
> Regards, and Happy Turkey Day
> Bill Hawkins
>
>
>

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: S.G. Roscoe's Manuscript, index

Date: Wed, 22 Nov 2000 23:36:08 -0600
Message-ID: <003101c0550f$47f23560$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Y'know, this gets stranger. The bit about measuring resistance, that is. Google had some trouble with "standard ohm history", but came up with a French site:
http://www.bipm.fr/enus/3_SI/si-history.html

There we learn that the standard scheme of units wasn't adopted until 1946! Sure, there was a platinum bar for length and a weight for mass in 1799. Then the article says,

"The sizes of the coherent CGS units in the fields of electricity and magnetism, proved to be inconvenient so, in the 1880s, the BAAS and the International Electrical Congress, predecessor of the International Electrotechnical Commission (IEC), approved a mutually coherent set of practical units. Among them were the ohm for electrical resistance, the volt for electromotive force, and the ampere for electric current."

No wonder an 1880 book isn't talking about resistance in ohms.

And then, in the telegraph book, there's the bit about the resistance of the Earth being negligible. Not because dirt is a good conductor, but because there's so much of it compared to the telegraph wire.

Maybe that's where the idea came from that driving a ground rod would protect you from lightning.

Happy Turkey Day (in the US)
Bill Hawkins

Message-ID: <3A1CB1B8.865162FF@uswest.net>
Date: Wed, 22 Nov 2000 22:57:12 -0700
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: sensitivity of BC-312, RME-69, etc
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hue,

I tend to use the ability of a receiver to hear "antenna noise" as a reasonable measure of sensitivity. If the noise coming in from the antenna overcomes the noise generated within the receiver, then the receiver will hear any signal coming in from the antenna that is above the atmospheric noise level. The pre-war receivers with 1 RF, in particular my RME-69 and 70, NC-200 and Howard 438 and 436A all can hear antenna noise up through 20 meters, but it disappears into the receiver noise somewhat above that. The 2 RF receivers, in particular my HRO and SX-28, can hear antenna noise through 10 meters.

Jim, W8KGI

Message-ID: <02e901c05548$bd49a3a0$d7c14ed8@mia.bellsouth.net>
From: "Bill Marx" <bmarx@bellsouth.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Military Pictures and Links
Date: Thu, 23 Nov 2000 07:27:00 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Adam, VA7OJ has changed his site a bit and added more Military Pictures and Links.

http://www.qsl.net/ab4oj/

Click on "First Steps In Amateur Radio". Its just above the pictures of his 756 Pro hi.

Bill Marx W2CQ

Date: Thu, 23 Nov 2000 05:01:03 -0800
From: Dan <hankarn@pacbell.net>
Subject: Re: TV-7 parts needed
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3A1D150F.B78B1466@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I used some Gorilla glue to repair a ceramic wafer and it is very strong and the wafer is in alignment. JB is also good. You can machine/work it

and drill it.
Hank
KN6DI

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Thu, 23 Nov 2000 10:32:51 -0500
Subject: Re: checking SS 866's
Message-ID: <20001123.103255.-959289.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Edward J Knobloch <k4pf@juno.com>

Greetings,

>Ronnie, w5sum@glowbugs.com, asks about testing
> the solid-state plug-in replacements for 866 rectifier tubes.
> Normal Ohmmeter tests show high resistance in both directions.

I would just use a standard tube tester set for the 866.
The tube tester will have a high enough test voltage
to turn on the stack of solid state rectifiers used
within the plug-in.

73,
Ed   k4pf@juno.com

From: JONWEINER@aol.com
Message-ID: <7f.c75a576.274e9f8c@aol.com>
Date: Thu, 23 Nov 2000 11:27:56 EST
Subject: Info for Drake accessory needed
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="part1_7f.c75a576.274e9f8c_boundary"
Content-Disposition: Inline

--part1_7f.c75a576.274e9f8c_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Wonder if anyone has the instructions for the Palomar Electronics PD-700, a
digital readout for Drake and other BA gear. I could use a copy. Thanks.

Jon, K1VVC

--part1_7f.c75a576.274e9f8c_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---            *
*     This post contains a forbidden message format       *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

--part1_7f.c75a576.274e9f8c_boundary--

From: Andy Wallace <wallace@WORLD.STD.COM>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tek 535 (5 Mhz) scope w/ calib/dual trace plugins FREE, PICKUP ONLY N.E. Mass
Date: Thu, 23 Nov 2000 12:08:07 -0500
Message-ID: <sbjq1t056vqk1302q5e9hff1nrm6oifo9i@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, got one of these taking up space and don't want/need to fix it. Got a 453 solid state job and this needs a home.

Has the calibration plugin, which I paid real money for (I think it was never used) -- for setting the supply voltages, etc. Also has a dual trace plugin, possibly a differential plugin, I have to look. I know I have two probes and the manual for the 535, too.

KINDA WORKED when I first got it, a few years back, unused since. I believe I got a trace but it wandered up the screen. Get Stan Griffith's Tek scope book if you like fixing these!

I would rather not see someone grab it to disassemble for tubes and parts but I have no control over that.

FREE, but you must pick it up. I can get it to you in NE Mass / Southern NH if you like. Please email me and make arrangements. It's one of the huge ones with two handles, space for one plugin.

--Andy
wallace@world.std.com

From: StanandlisaM@cs.com
Message-ID: <44.913bfff.274ef9dd@cs.com>
Date: Thu, 23 Nov 2000 17:53:17 EST
Subject: FS: Amp Parts
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Following to sell as a deal, rather than have them take up space in the new abode. All are NOS:

Package: socket for 4-1000 tube, choke for power supply to feed a 4-1000, Johnson sockets for 572-type Hg rectifiers, and rectifier filament supply transformer.

$50 plus shipping.

Thanks,
stan
kd4bth

Date: Thu, 23 Nov 2000 18:56:34 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: ~80 2E26 Tubes
Message-ID: <Pine.GHP.4.10.10011231851170.6858-100000@mira.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Have about 80 or so 2E26 tubes that are surplus to requirements. These tubes are unboxed and almost certainly pulls. Condition unknown. Also have a half-dozen 2E22's. Any reasonable offer entertained--proceeds to our local club, to be added to its scholarship fund.

Thanks, and 73,
John Poulton KF4OZY

Message-Id: <4.3.2.7.0.20001123201748.00a95690@mail.glowbugs.com>
Date: Thu, 23 Nov 2000 20:18:31 -0600

To: Old Tube Radios <boatanchors@theporch.com>
From: Ronnie Hull <w5sum@glowbugs.com>
Subject: Johnson Variable specs
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Can someone give me the specs on a Johnson air variable cap,
P/N 154-1? thanks

Ronnie

Message-Id: <200011240209.UAA29333@exit1.i-55.com>
From: "Sandy Blaize" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@qth.net>, "Boatanchors reflector" <boatanchors@theporch.com>
Subject: Re: [BoatAnchors] QCWA needs your help!
Date: Thu, 23 Nov 2000 20:21:04 -0600
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I remember when the Advanced class (old class "A") amateurs raised
cane about getting "demoted" by the incentive program in 1968! Lots of
grousing
about letting the "unwashed" Generals into the sacred 20 and 75 meter
'phone
bands. I can't remember if 40 was opened up about that time or not for
'phone as
it was originally an "All CW" band.
So where does this latest ruling place us Extra class hams who had to do
a 20 wpm code test at the FCC? (No cheating or payoffs to VEC's here!
Also no
wimpy "medical" waivers either!) Are we not just as disenfranchised? I
say to
the 1968 "Advanced" crowd..."roll with the punches!" Jeese, they've made
getting
an Extra ticket so easy, if you can't pass it now, you don't deserve it!
You've had
32 years to catch up and the tests have been getting easier and easier. If
you think
it's too hard now to pass the written, you missed your chance by not
getting
a "medical waiver" and getting it given to you!
As far as I'm concerned, I'll shrug it off and keep going. Amateur radio
is
changing whether we like it or not. Yes, some things I DON'T like, but
I'll just

have to live with it. The ships at sea no longer require Radio Operators, so my 2nd Class Ship Radiotelegraph license is now moot! Should I cry about this for the next quarter century or more?

I just think it's rather "whiney" to complain about what happened 32 years ago! We must adjust to changing conditions, like it or not.

My 2 pennies worth!

73,
Sandy W5TVW

Message-ID: <3A1DC1AA.DBE570A0@idirect.com>
Date: Thu, 23 Nov 2000 20:17:32 -0500
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Fw: S.G. Roscoe's Manuscript, index
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

I spoke with Spud Roscoe this evening and got the story on the manuscript. Apparently, Spud had spent an inordinate amount of effort in preparing this manuscript and he tried to have published in 1982 but there was absolutely no interest. It was 630 legal sized pages, double spaced all produced on a manual typewriter. He had also amassed an assortment of 500 pictures some of which were intended to go with the book. All was not lost because part of of the manuscript was used in a recent book titled "Come Quick Danger". Spud lost complete interest in the manuscript after that.

As a result of this book , he was approached by Ivan Smith a retired school teacher who expressed a great interest in the manuscript. He obtained a copy with the intent of transcribing it to HTML and publishing it on the web. At the same time, Ivan was updating the events listed in the manuscript. All of this was going on without the aid of a scanner to the best of Spud's knowledge. It would appear that the effort to complete the transcription simply faded away due due to the amount of work required hence the reason for the missing sections in the web page.

My suggestion is this: For those of you who would like to see the remainder of the manuscript transcribed and posted to the web, why not drop an note of encouragement to the person who started the work. His name is Ivan Smith and his email is :   rustfrog@auracom.com

With positive feedback from us, that's all it might take to get results.

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Regards,
Jerry Proc VE3FAB   jproc@idirect.com
http://webhome.idirect.com/~jproc/ve3fab
HMCS HAIDA Historic Naval Ship, Toronto Ontario

Date: Thu, 23 Nov 2000 19:39:29 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: The Globe vs GFI's
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Message-id: <0G4I007LIFDCSB@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Jack and all;

> Pardon, but the level MAY be set by standards from the Underwriters Lab
> here in Illinois. I will check to see what it is in the latest
> publication and will post to group. If I can find it in the National
> Electric Code. Not likely.   This will need more study.

There is tons of electrical safety information on the web. Some time back when we had a thread on this same subject I did a few searches. I wasn't disappointed.

Generally speaking, current levels above 10 mA (if memory serves me well) will get you into a region where, if the current is routed through the heart region, ventricular fibrillation may occur. If the heart can't get itself pumping properly you die. Considerably higher currents are less likely to screw up the heart rhythm but muscular contraction injuries and burns become a concern.

Currents below approximately 10 mA (again, check me on this) cause reactions which are more of a disconcerting nature although in some situations they can lead to serious secondary injuries and damage like falling off of a ladder and landing on your precious BA.

As currents get lower they become imperceptable and are not a cause for concern. We constantly have small currents flowing through our bodies all the time from induction, etc. Not withstanding the "EMF danger" assertions by the pop paranoids, no one has established yet that these low currents have a long term deleterious effect on health although I may have missed the latest late breaking news out of the safety industry.

Hospitals have much lower leakage current level standards for patient treatment areas and even lower leakage levels for invasive treatment equipments. One concern is spark dischages near ether. It's not nice to set a patient on fire. It was found many years ago that sticking an electrode into a patient's body could cause harm at lower current levels because the body is essentially a highly conductive saline solution and injures could occur to organs because the currents would interfere with the body's own electrical systems.

The foregoing is sort of the basis for setting leakage current limits on various electrical equipments. Remember however, ground is what you should be standing on, not being part of.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-ID: <003901c05619$4819dec0$a34297ce@dmartin>
From: "Dan Martin" <dmartin@visuallink.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Johnson Variable specs
Date: Fri, 24 Nov 2000 08:20:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 154-1 is rated at 2000V and 12-244 pF with .045" plate spacing. You can check specs on most of the classic EFJ caps at http://www.cardwellcondenser.com. These caps are still available from these folks, though pricey and, usually, with a wait.

73
Dan
WB4GRA

----- Original Message -----
From: "Ronnie Hull" <w5sum@glowbugs.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, November 23, 2000 9:18 PM
Subject: Johnson Variable specs

> Can someone give me the specs on a Johnson air variable cap,
> P/N 154-1? thanks
>
> Ronnie

End of BOATANCHORS Digest 3043
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